

## SEQUENCE LISTING

<110> Mayo Foundation for Medical Education and Research  
5 Federspiel, Mark J.

<120> Methods to inhibit infectious agent transmission associated  
with transplant

10<130> 150.192WO1

<150> US 60/135,631

<151> 1999-05-24

15<160> 32

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<213> Artificial Sequence

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25<223> A primer

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&lt;211&gt; 659

&lt;212&gt; PRT

&lt;213&gt; Porcine endogenous retrovirus

5&lt;400&gt; 3

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Gly Thr Trp Trp Pro Glu Leu Tyr Val Cys Leu Arg Ser Val Ile Pro
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Gly Leu Asn Asp Gln Ala Thr Pro Pro Asp Val Leu Arg Ala Tyr Gly
      100           105           110
20Phe Tyr Val Cys Pro Gly Pro Pro Asn Asn Glu Glu Tyr Cys Gly Asn
      115           120           125
Pro Gln Asp Phe Phe Cys Lys Gln Trp Ser Cys Val Thr Ser Asn Asp
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Gly Asn Trp Lys Trp Pro Val Ser Gln Gln Asp Arg Val Ser Tyr Ser
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Phe Val Asn Asn Pro Thr Ser Tyr Asn Gln Phe Asn Tyr Gly His Gly
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Arg Trp Lys Asp Trp Gln Gln Arg Val Gln Lys Asp Val Arg Asn Lys
      180           185           190
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Thr Glu Lys Gly Lys Gln Glu Asn Ile Gln Lys Trp Val Asn Gly Met
      210           215           220
Ser Trp Gly Ile Val Tyr Tyr Arg Gly Ser Gly Arg Lys Lys Gly Ser
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[illegible]

4

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<211> 660
<212> PRT
<213> Porcine endogenous retrovirus

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Ser Pro Asn Ser His Lys Pro Leu Ser Leu Thr Trp Leu Leu Thr Asp
50          55          60
25Ser Gly Thr Gly Ile Asn Ile Asn Ser Thr Gln Gly Glu Ala Pro Leu
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Gly Thr Trp Trp Pro Glu Leu Tyr Val Cys Leu Arg Ser Val Ile Pro
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Gly Leu Asn Asp Gln Ala Thr Pro Pro Asp Val Leu Arg Ala Tyr Gly
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145          150          155          160
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Arg Trp Lys Asp Trp Gln Gln Arg Val Gln Lys Asp Val Arg Asn Lys
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6

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&lt;210&gt; 5

&lt;211&gt; 638

&lt;212&gt; PRT

25&lt;213&gt; Porcine endogenous retrovirus

&lt;400&gt; 5

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 35 40 45  
 Ser Leu Asn Ser His Lys Pro Leu Ser Leu Thr Trp Leu Ile Thr Asp  
 35 50 55 60  
 Ser Gly Thr Gly Ile Asn Ile Asn Asn Thr Gln Gly Glu Ala Pro Leu  
 65 70 75 80  
 Gly Thr Trp Trp Pro Asp Leu Tyr Val Cys Leu Arg Ser Val Ile Pro  
 85 90 95  
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100 105 110  
 Cys Pro Gly Pro Pro Asn Asn Gly Lys His Cys Gly Asn Pro Arg Asp  
 115 120 125  
 Phe Phe Cys Lys Gln Trp Asn Cys Val Thr Ser Asn Asp Gly Tyr Trp  
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 Met Ser Trp Gly Met Val Tyr Tyr Gly Gly Ser Gly Lys Gln Pro Gly  
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8

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&lt;210&gt; 6

30&lt;211&gt; 704

&lt;212&gt; DNA

&lt;213&gt; Porcine endogenous retrovirus

&lt;400&gt; 6

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9

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&lt;213&gt; Porcine endogenous retrovirus

&lt;400&gt; 7

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&lt;213&gt; Porcine endogenous retrovirus

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&lt;212&gt; DNA

&lt;213&gt; Porcine endogenous retrovirus

&lt;400&gt; 9

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&lt;210&gt; 10

&lt;211&gt; 20

&lt;212&gt; DNA

&lt;213&gt; Porcine endogenous retrovirus

5

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&lt;210&gt; 11

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&lt;212&gt; DNA

&lt;213&gt; Porcine endogenous retrovirus

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20&lt;213&gt; Porcine endogenous retrovirus

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&lt;213&gt; Porcine endogenous retrovirus

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&lt;213&gt; Porcine endogenous retrovirus

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12

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25&lt;210&gt; 19

&lt;211&gt; 7362

&lt;212&gt; DNA

&lt;213&gt; Porcine endogenous retrovirus

30&lt;400&gt; 19

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30&lt;213&gt; Porcine endogenous retrovirus

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**<212> DNA**

<213> Porcine endogenous retrovirus

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